ABSTRACT OF THE DISCLOSURE

An intelligent vehicle identification system that uses inductive loop technology to profile and classify a vehicle. In a tolling industry application, classification of the vehicle is made prior to the vehicle arriving at a payment point in a toll lane in which the vehicle travels. A predetermined fare associated with the classification is then solicited from an operator of the vehicle without efforts from a toll attendant. In a preferred embodiment, the system also includes an intelligent queue loop that verifies the vehicle at the payment point to prevent misclassification due to a second vehicle, e.g., a motorcycle, that changes from a different lane to the toll lane in question.

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